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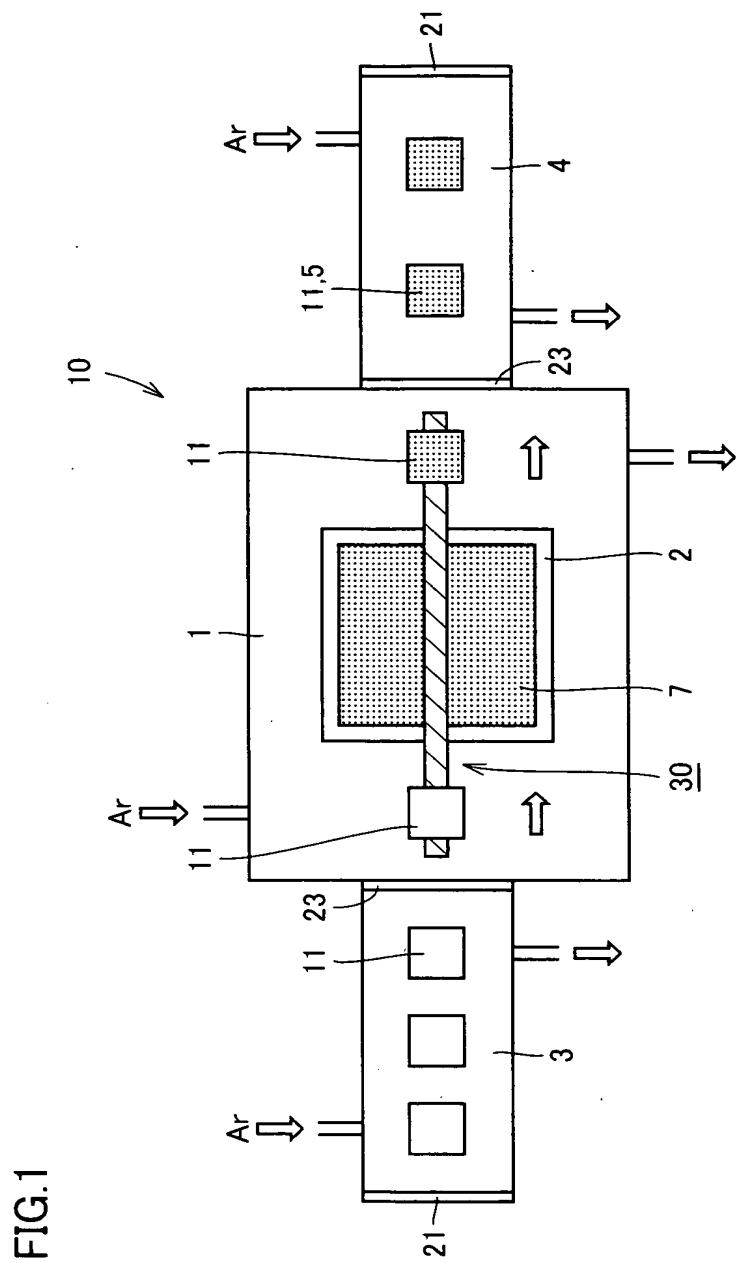


FIG. 1

10/519560

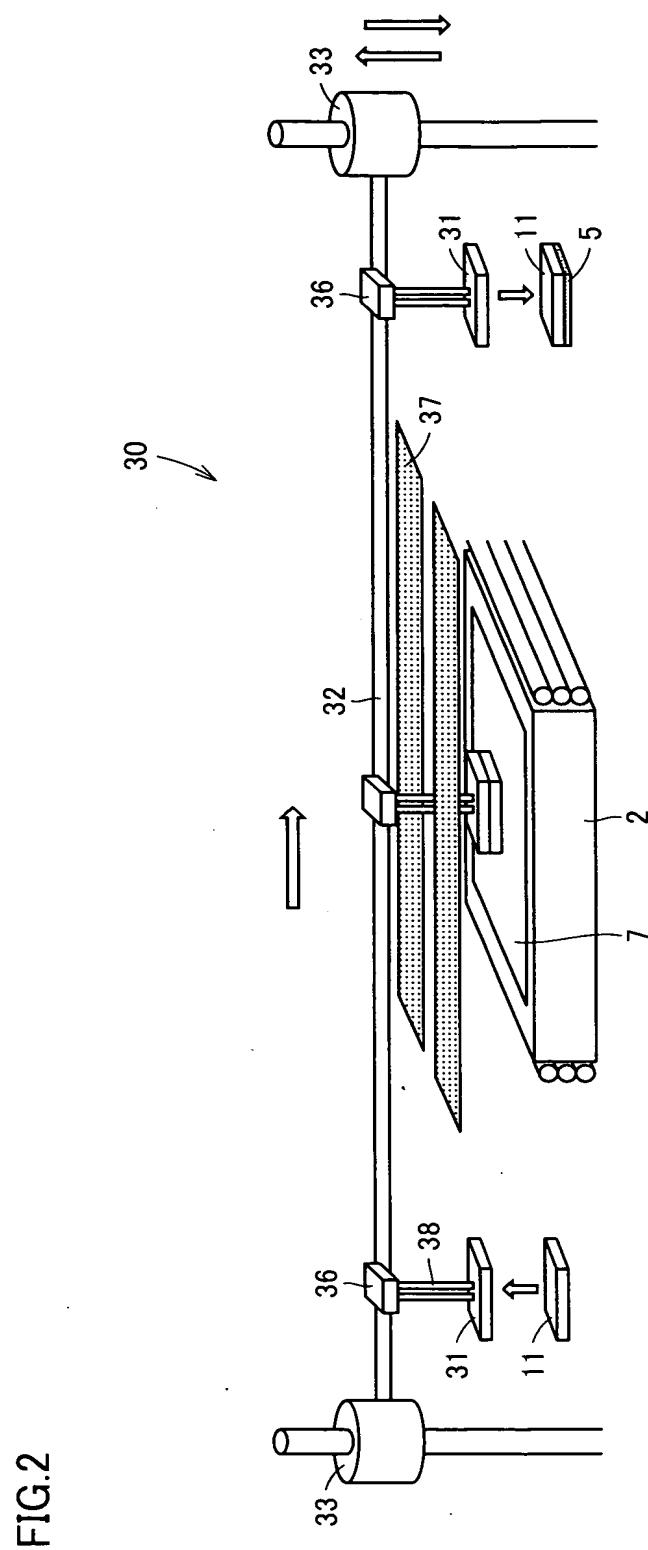
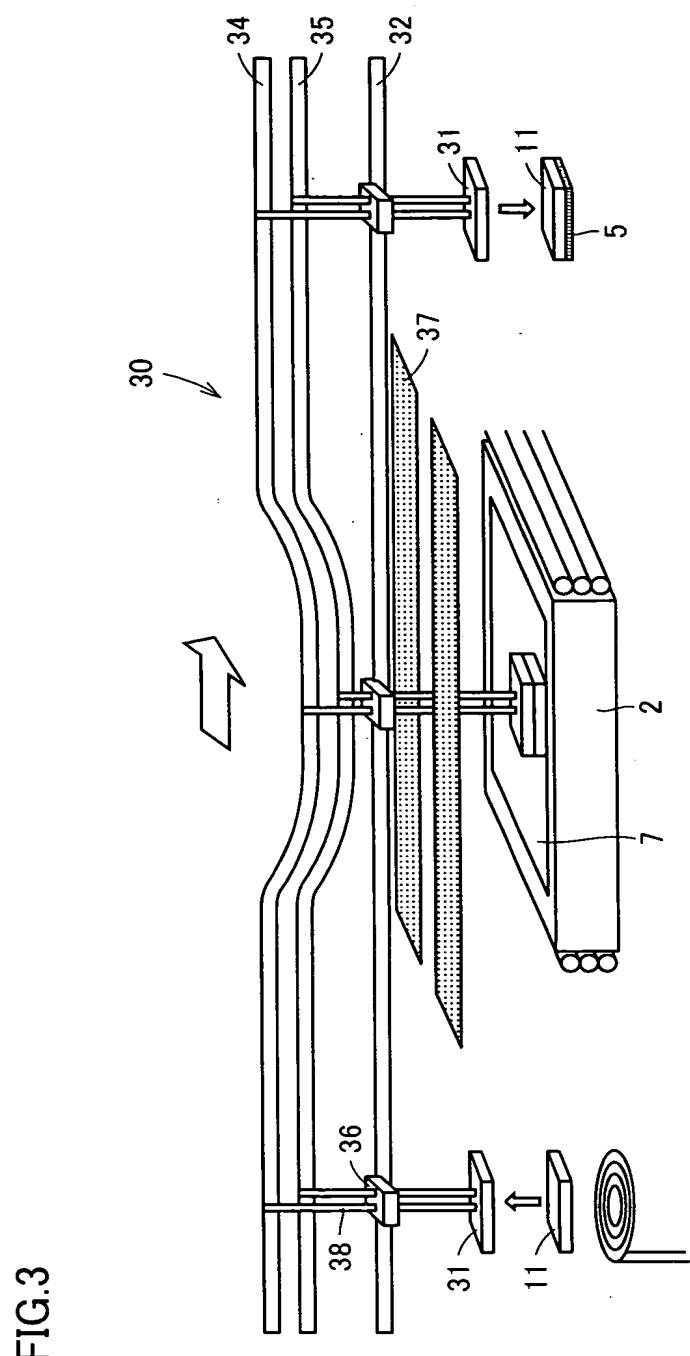
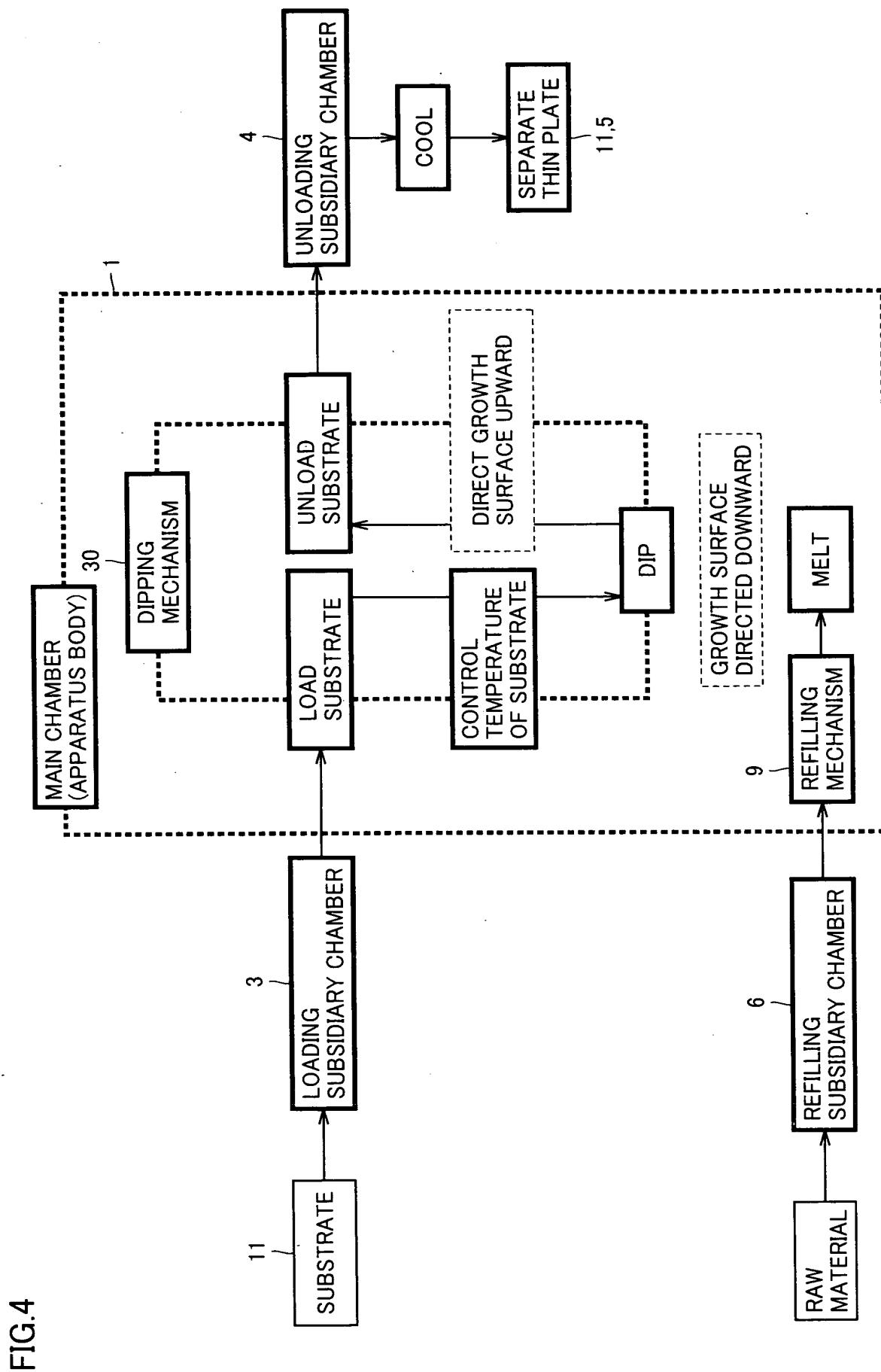


FIG.2

10/519560

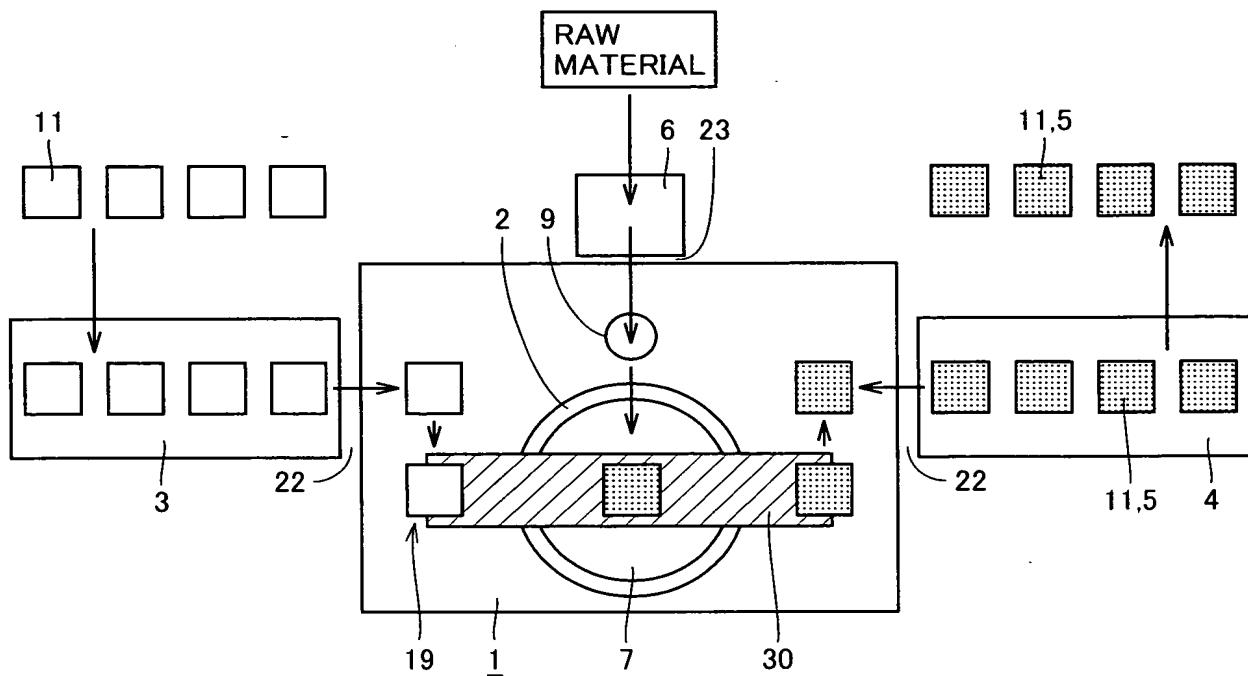


10/519560



10/519560

FIG.5



10/519560

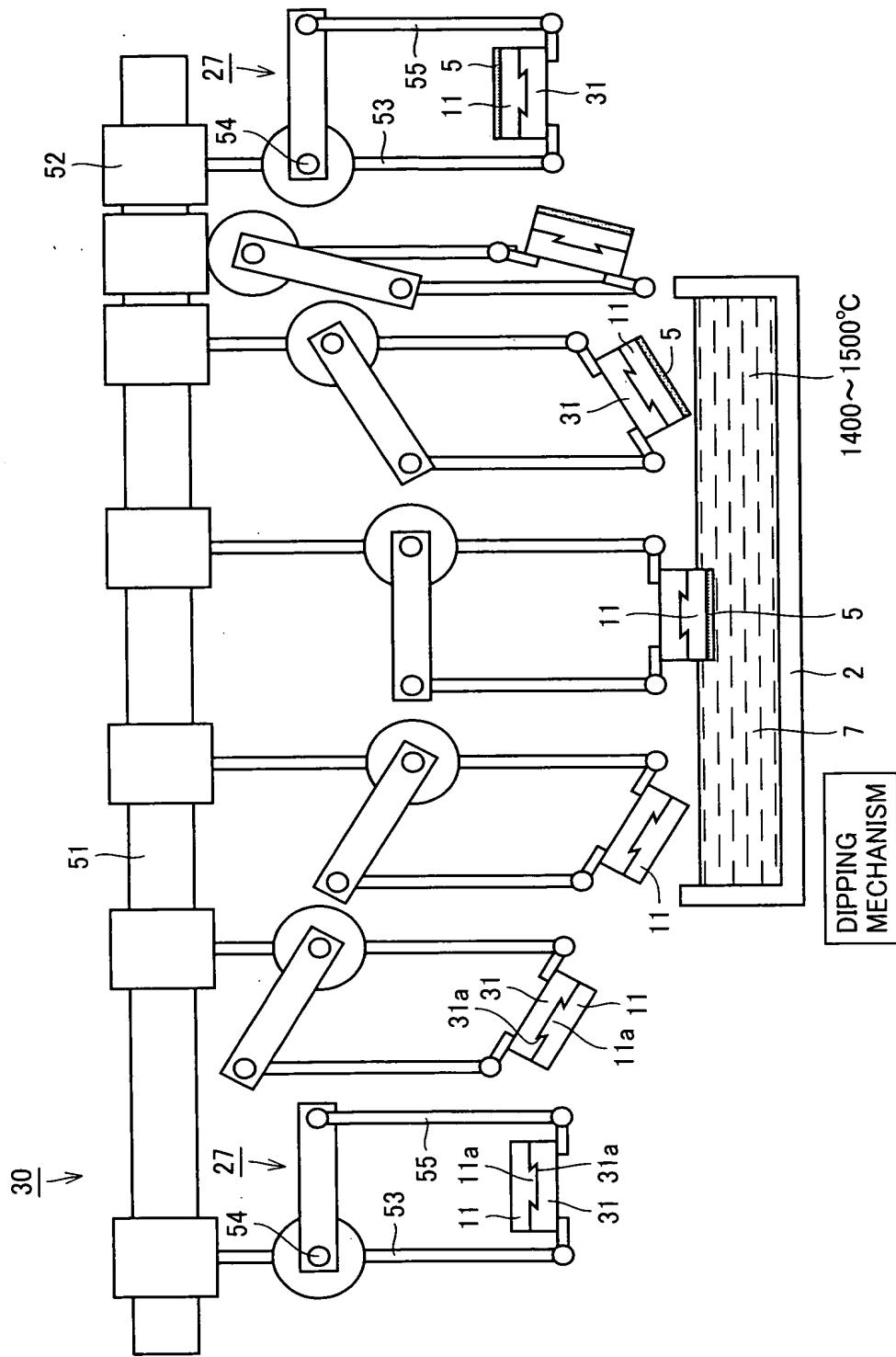


FIG.6

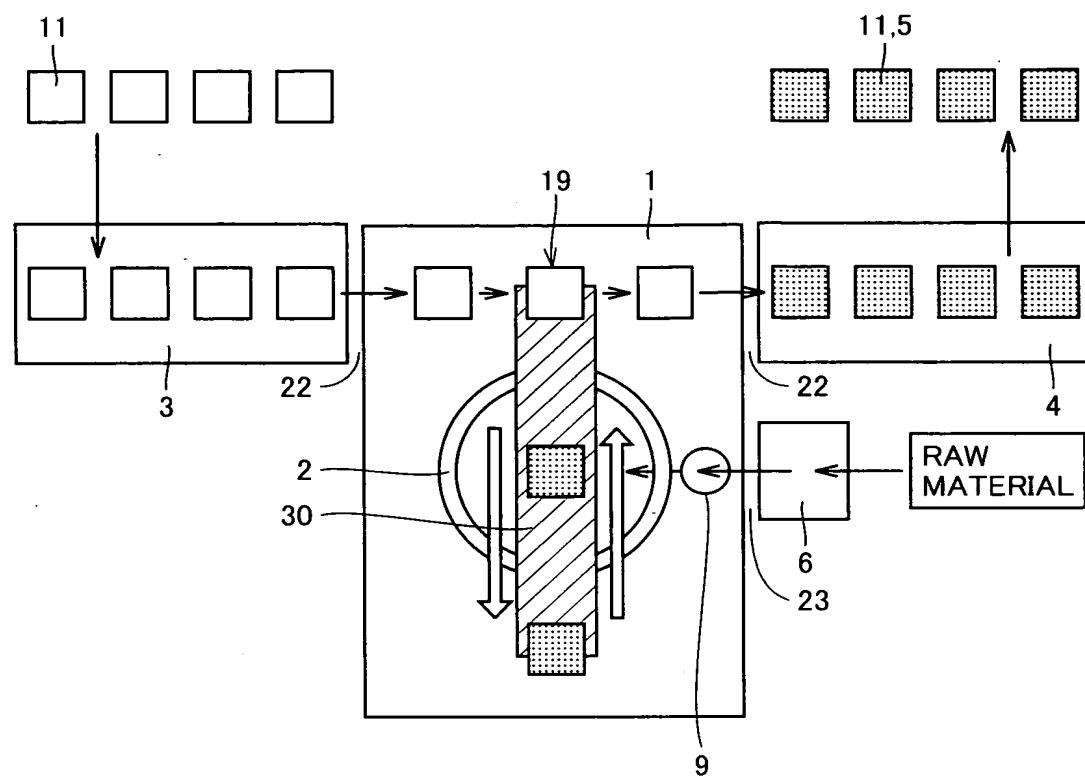
10/519560

FIG. 7

STEP	ELAPSED TIME (SEC.)
INTRODUCE SUBSTRATE INTO LOADING SUBSIDIARY CHAMBER	0
EVACUATE LOADING SUBSIDIARY CHAMBER	5
PURGE LOADING SUBSIDIARY CHAMBER WITH Ar	10
LOAD ONE SUBSTRATE	15
MOUNT ON DIPPING MECHANISM	20
CONTROL TEMPERATURE OF SUBSTRATE DIPPING OPERATION	25
DEMOUNT FROM DIPPING MECHANISM	30
RETURN DIPPING MECHANISM	35
UNLOAD ONE SUBSTRATE	40
DISCHARGE SUBSTRATE FROM UNLOADING SUBSIDIARY CHAMBER	45
EVACUATE UNLOADING SUBSIDIARY CHAMBER	50
PURGE UNLOADING SUBSIDIARY CHAMBER WITH Ar	55
	60
	65
	70
	75
	80
	85

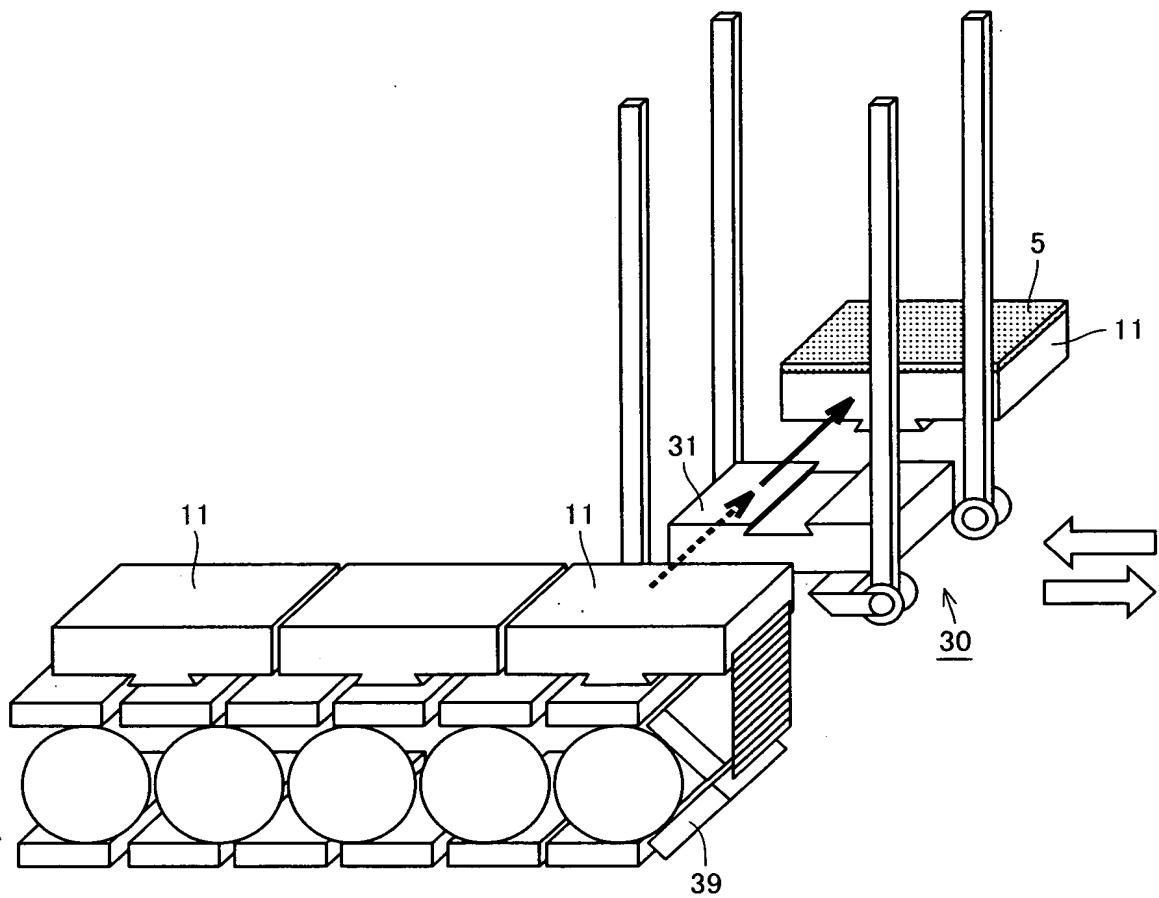
10/519560

FIG.8



10/519560

FIG.9

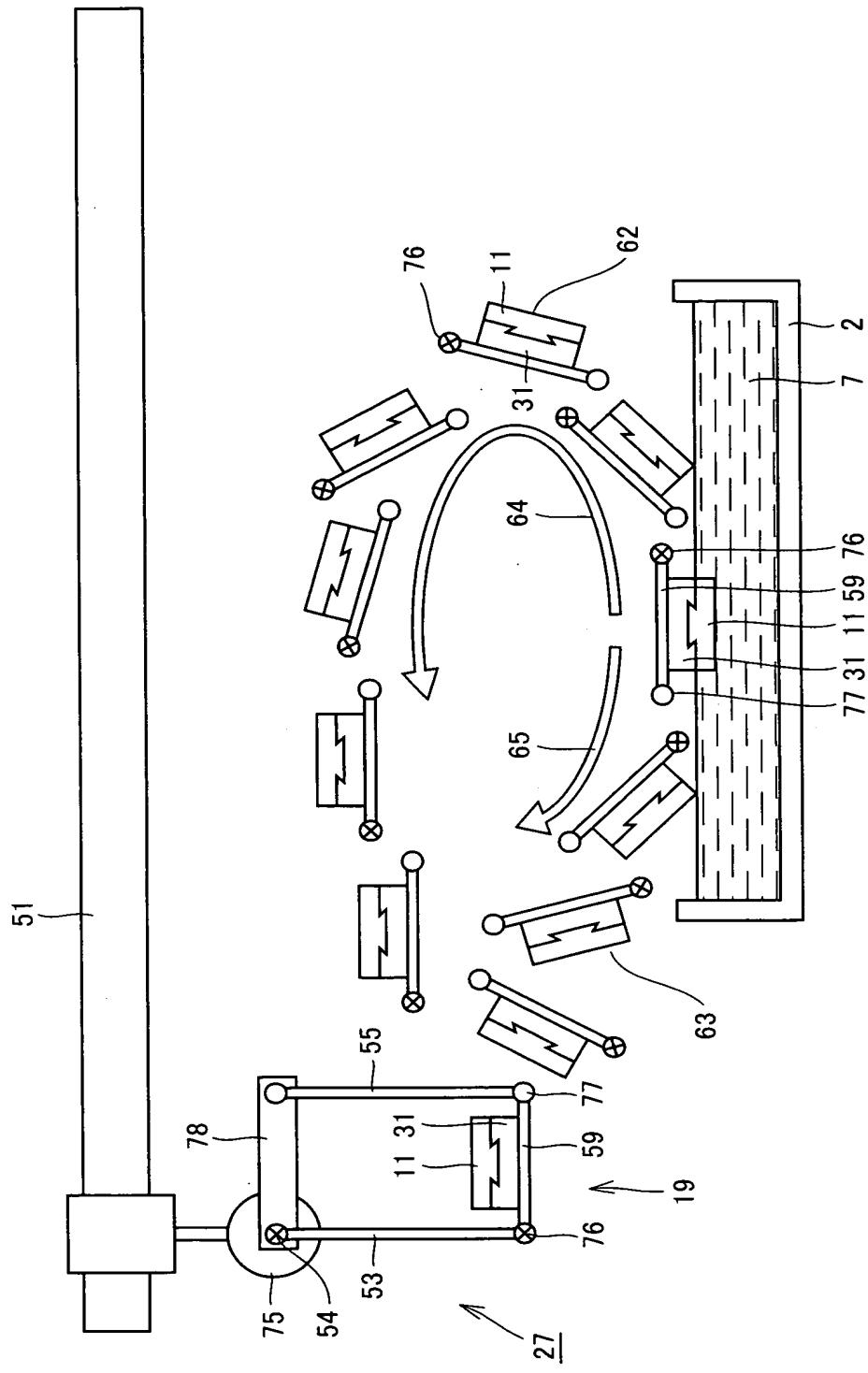


10/519560

FIG. 10

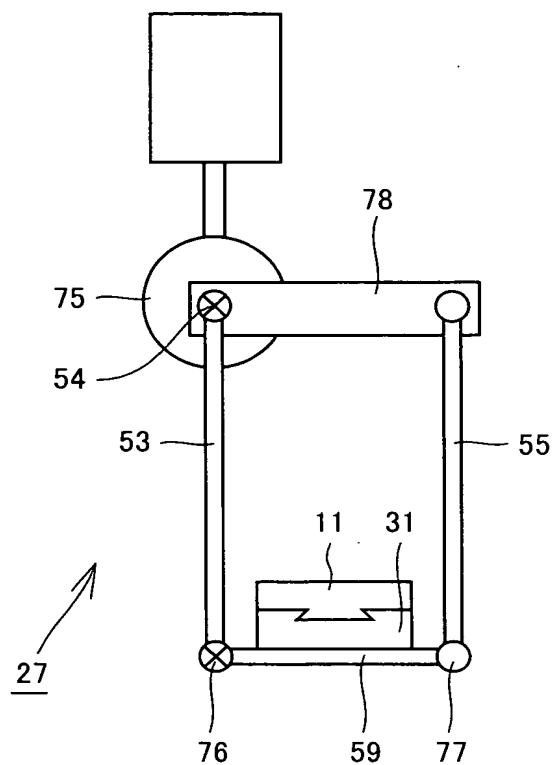
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FIG.11



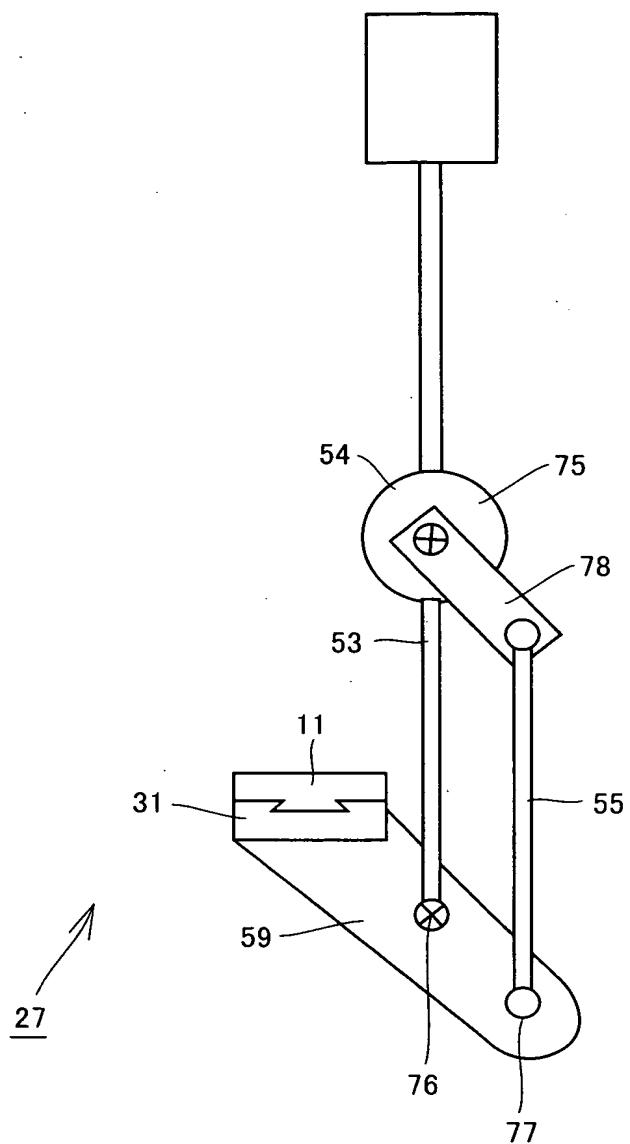
10/519560

FIG.12



10/519560

FIG.13



27

10/519560

FIG.14

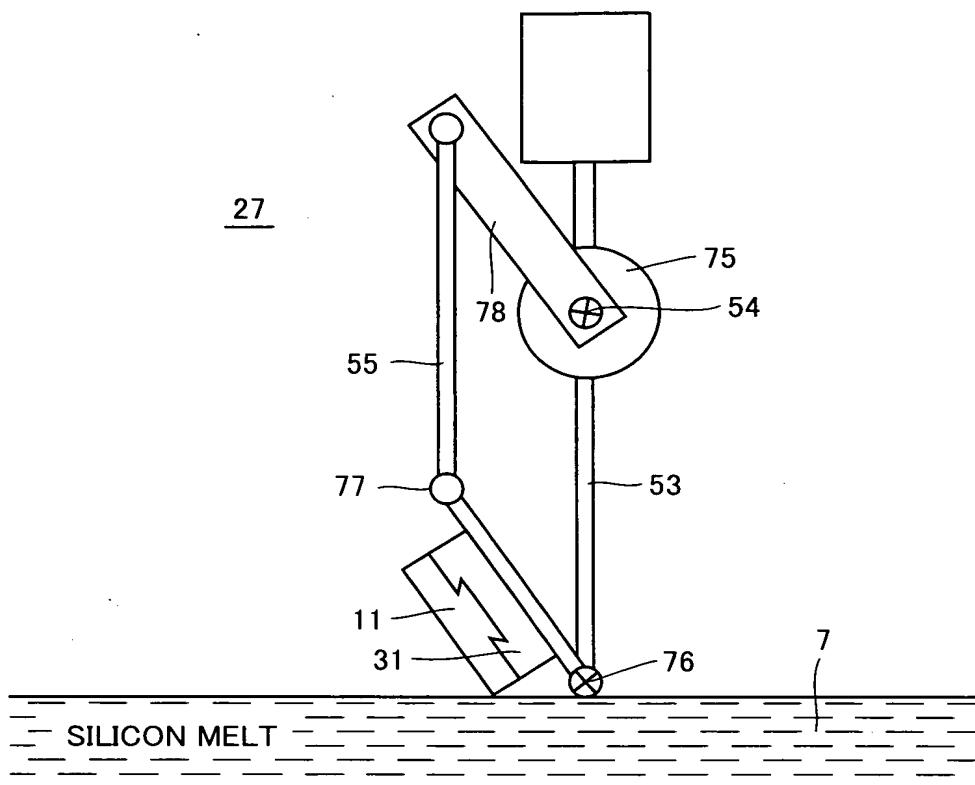
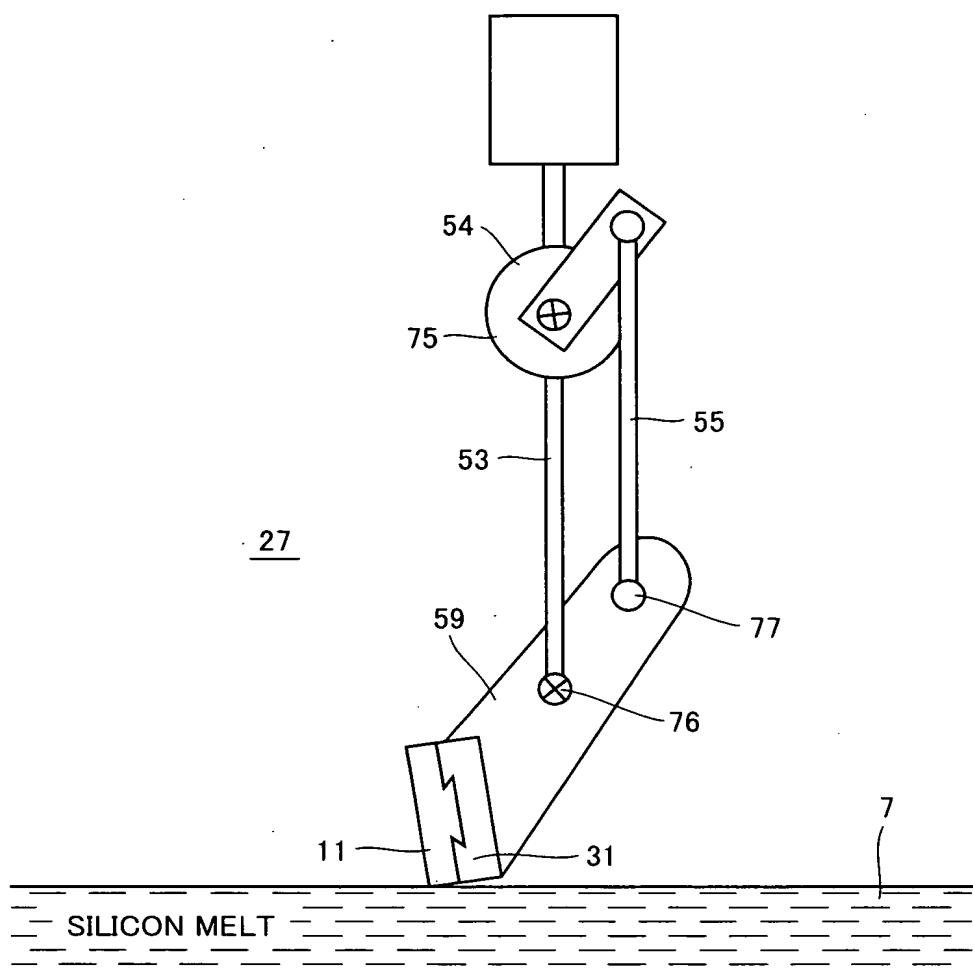
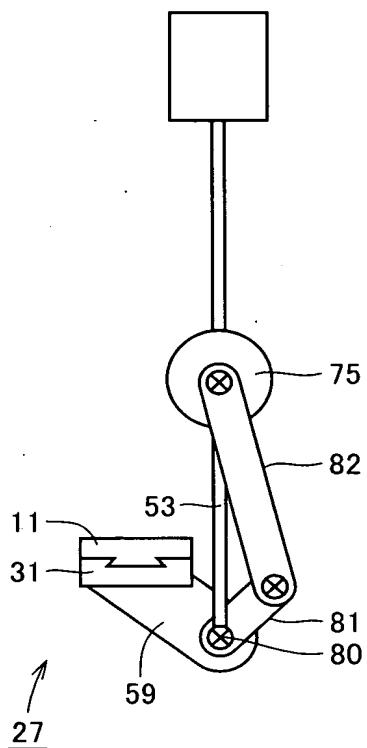


FIG.15



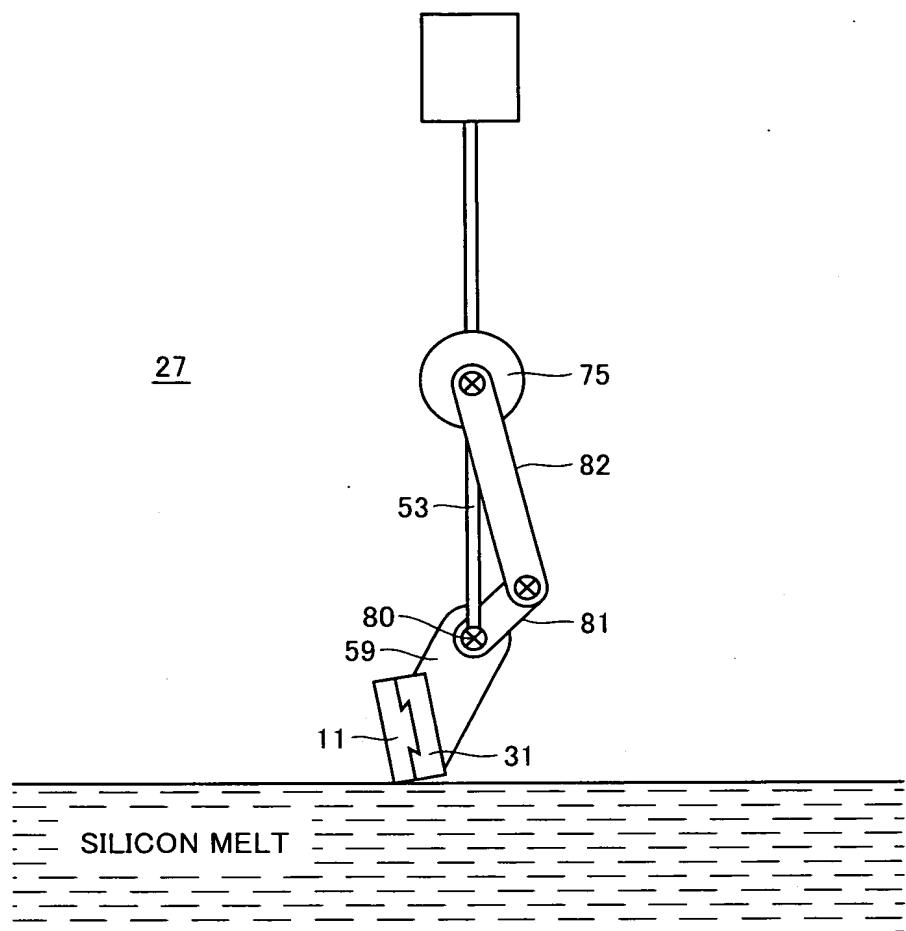
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FIG.16



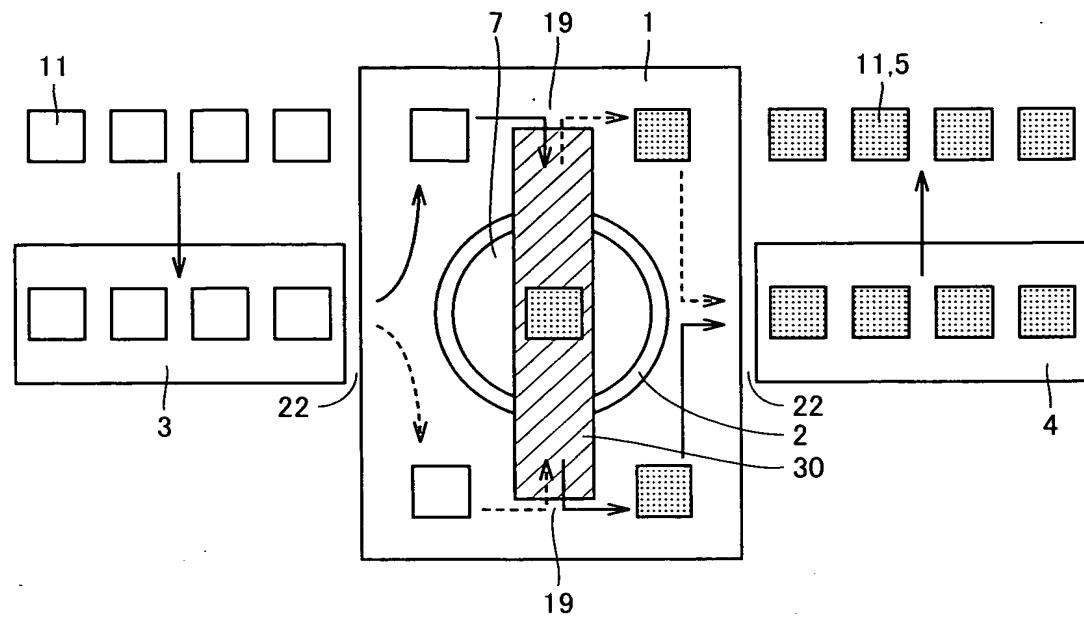
10/519560

FIG.17



10/519560

FIG.18



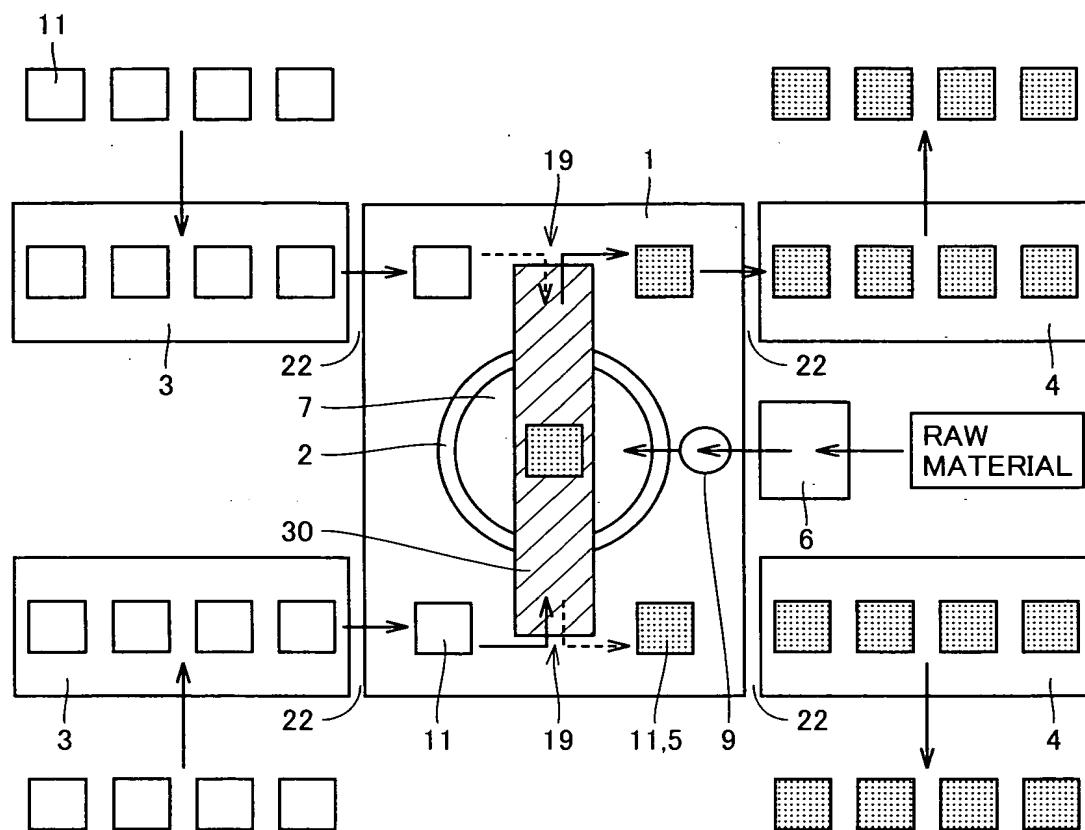
10/519560

FIG. 19

STEP	ELAPSED TIME (SEC.)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70
INTRODUCE SUBSTRATE INTO LOADING SUBSIDIARY CHAMBER		↑														
EVACUATE LOADING SUBSIDIARY CHAMBER			↔													
PURGE LOADING SUBSIDIARY CHAMBER WITH Ar				↑												
LOAD ONE SUBSTRATE					↑											
MOUNT ON DIPPING MECHANISM						↑										
CONTROL TEMPERATURE OF SUBSTRATE							↑									
DIPPING OPERATION								↑								
DEMOUNT FROM DIPPING MECHANISM									↑							
UNLOAD ONE SUBSTRATE										↑						
DISCHARGE SUBSTRATE FROM UNLOADING SUBSIDIARY CHAMBER										↔						
EVACUATE UNLOADING SUBSIDIARY CHAMBER											↔					
PURGE UNLOADING SUBSIDIARY CHAMBER WITH Ar												↑				

10/519560

FIG.20



10/519560

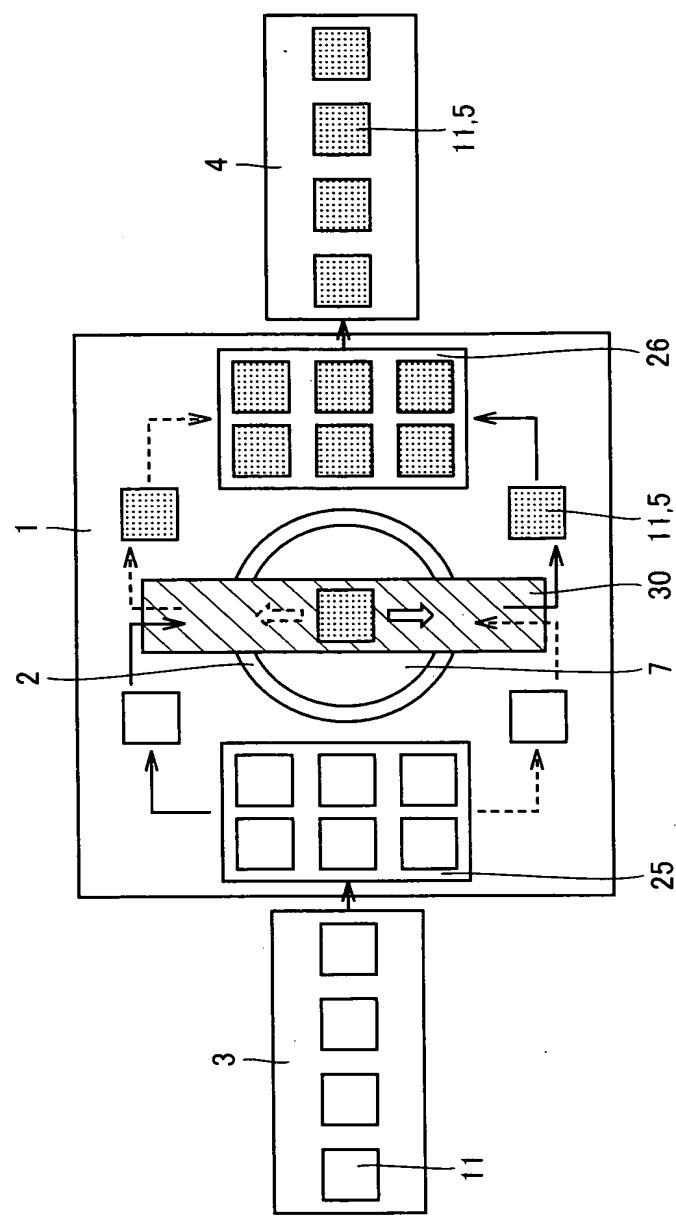


FIG.21

10/519560

FIG.22

STEP \ ELAPSED TIME (SEC.)	0	5	10	15	20	25	30	35	40	45
INTRODUCE SUBSTRATE INTO LOADING SUBSIDIARY CHAMBER	→									
EVACUATE LOADING SUBSIDIARY CHAMBER		→								
PURGE LOADING SUBSIDIARY CHAMBER WITH Ar			→							
LOAD PLURALITY OF SUBSTRATES				→						
MOUNT ON DIPPING MECHANISM	→	→	→	→	→	→	→	→	→	→
CONTROL TEMPERATURE OF SUBSTRATES	→	→	→	→	→	→	→	→	→	→
DIPPING OPERATION		→	→	→	→	→	→	→	→	
DEMOUNT FROM DIPPING MECHANISM	→	→	→	→	→	→	→	→	→	→
UNLOAD PLURALITY OF SUBSTRATES				→						
DISCHARGE SUBSTRATES FROM UNLOADING SUBSIDIARY CHAMBER					→					
EVACUATE UNLOADING SUBSIDIARY CHAMBER						→				
PURGE UNLOADING SUBSIDIARY CHAMBER WITH Ar							→			

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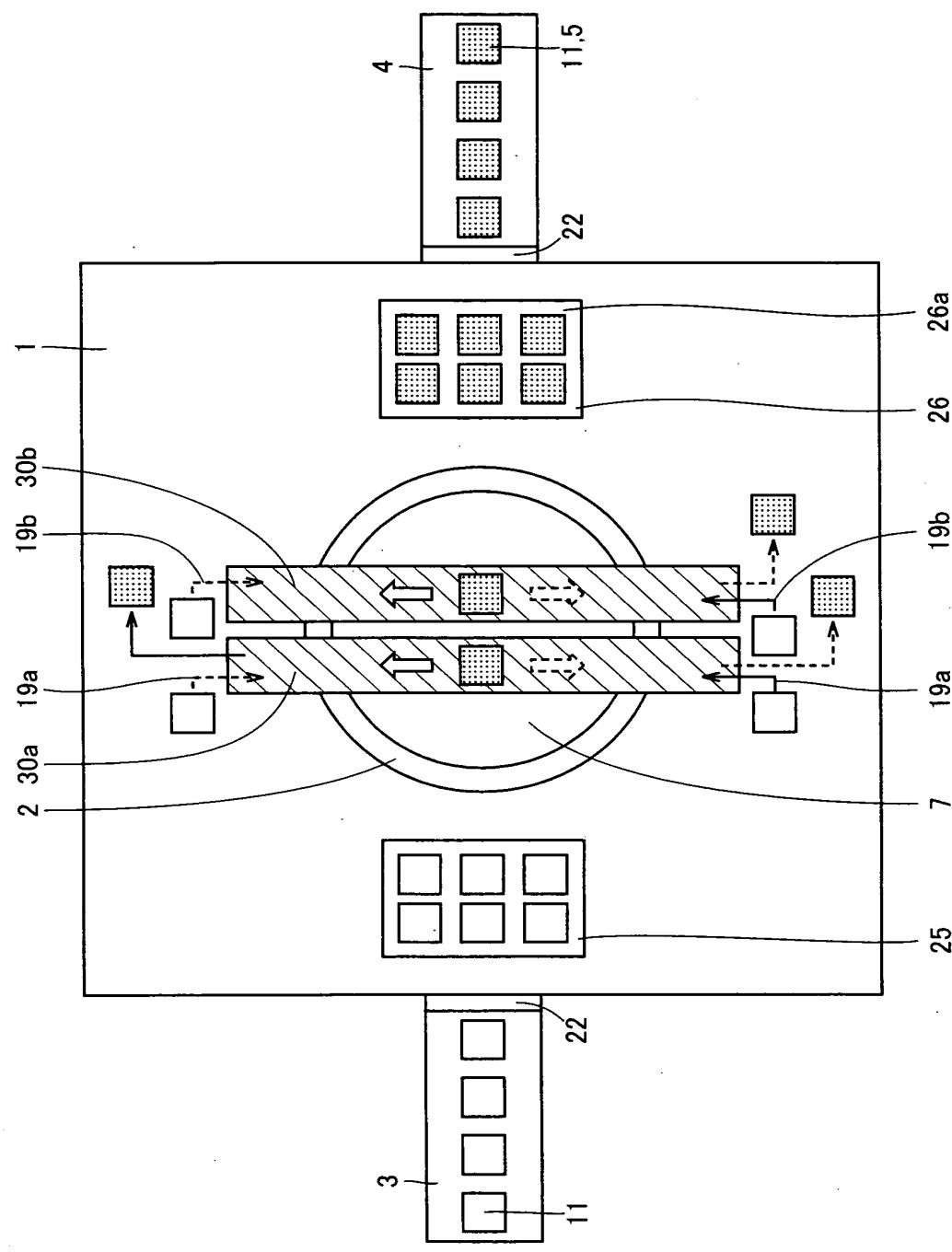


FIG.23

10/519560

FIG.24

STEP \ ELAPSED TIME (SEC.)	0	5	10	15	20	25	30
INTRODUCE SUBSTRATE INTO LOADING SUBSIDIARY CHAMBER	→						
EVACUATE LOADING SUBSIDIARY CHAMBER		→					
PURGE LOADING SUBSIDIARY CHAMBER WITH Ar			→				
LOAD PLURALITY OF SUBSTRATES				→			
(FIRST DIPPING MECHANISM)							
MOUNT ON DIPPING MECHANISM	→	→	→				
CONTROL TEMPERATURE OF SUBSTRATES	→	→	→				
DIPPING OPERATION	→	→	→		→		
DEMOUNT FROM DIPPING MECHANISM	→	→	→				
(SECOND DIPPING MECHANISM)							
MOUNT ON DIPPING MECHANISM	→	→	→				
CONTROL TEMPERATURE OF SUBSTRATES	→	→	→				
DIPPING OPERATION	→	→	→		→		
DEMOUNT FROM DIPPING MECHANISM	→	→	→				
UNLOAD PLURALITY OF SUBSTRATES	→						
DISCHARGE SUBSTRATES FROM UNLOADING SUBSIDIARY CHAMBER	→						
EVACUATE UNLOADING SUBSIDIARY CHAMBER		→					
PURGE UNLOADING SUBSIDIARY CHAMBER WITH Ar				→			

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FIG.25

